

WHAT IS CLAIMED IS:

- 1 1. A method for providing user location information for a personal information management program, comprising:
 - 3 providing a plurality of records for a user of a wireless device, wherein each user record includes at least one position coordinate and an associated time indicating a location of the wireless device at the time and the position coordinate;
 - 6 providing records for transmitting devices, wherein each transmitting device record includes at least one position coordinate and an associated location description providing information on the position coordinate in the records; and
 - 9 adding the location description from at least one of the transmitting device records to at least one record associated with the user of the wireless device.
- 1 2. The method of claim 1, further comprising:
 - 2 determining one transmitting device record including one position coordinate that is within a proximity to one position coordinate in one user record, wherein the location description from the determined transmitting device record is added to the user record having the position coordinate within the proximity to the position coordinate of the determined transmitting device record.
- 1 3. The method of claim 1, wherein the transmitting devices comprise wireless devices associated with other users and fixed location transmitters associated with a location providing information on a location.
- 1 4. The method of claim 1, wherein the user records further include a list identifying one or more transmitting devices within a proximity to the wireless device of the user.

1 5. The method of claim 4, wherein the added location description is from one
2 record for one transmitting device identified in the list.

1 6. The method of claim 5, further comprising:
2 determining one record for one of the transmitting devices identified in the list including
3 one position coordinate within a proximity to one position coordinate of one user record,
4 wherein the location description from the determined transmitting device record is added to the
5 user record having the position coordinate within the proximity to the position coordinate of the
6 determined transmitting device record.

1 7. The method of claim 4, further comprising:
2 receiving, with the user wireless device, wireless transmissions from proximate
3 transmitting devices, wherein each wireless transmission identifies one transmitting device; and
4 adding to the list each transmitting device identified in each wireless transmission.

1 8. The method of claim 7, wherein the transmitting devices identified in the list are
2 in the proximity of the position coordinate in the user record including the list.

1 9. The method of claim 1, further comprising:
2 searching a database of transmitting device records to determine one transmitting
3 device record including one position coordinate within a proximity to the position coordinate in
4 one user record, wherein the location description from the determined transmitting device
5 record is added to the user record having the position coordinate within the proximity to the
6 position coordinate of the determined transmitting device record.

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1 10. The method of claim 1, wherein the transmitting device records further provide
2 a time associated with the position coordinate indicating a time the transmitting device was
3 located at the position coordinate.

1 11. The method of claim 1, wherein at least one transmitting device record indicates
2 a location boundary defining multiple position coordinates, wherein the location description in
3 the transmitting device record provides information on the location boundary.

1 12. The method of claim 1, wherein the location description added from the
2 transmitting device record to the record associated with the user includes a multimedia file
3 providing information in a multimedia format on the location.

1 13. A system for providing user location information for a personal information
2 management program, comprising:

3 means for providing a plurality of records for a user of a wireless device, wherein each
4 user record includes at least one position coordinate and an associated time indicating a
5 location of the wireless device at the time and the position coordinate;

6 means for providing records for transmitting devices, wherein each transmitting device
7 record includes at least one position coordinate and an associated location description
8 providing information on the position coordinate in the records; and

9 means for adding the location description from at least one of the transmitting device
10 records to at least one record associated with the user of the wireless device.

1 14. The system of claim 13, further comprising:

2 means for determining one transmitting device record including one position coordinate
3 that is within a proximity to one position coordinate in one user record, wherein the location
4 description from the determined transmitting device record is added to the user record having

5 the position coordinate within the proximity to the position coordinate of the determined
6 transmitting device record.

1 15. The system of claim 13, wherein the transmitting devices comprise wireless
2 devices associated with other users and fixed location transmitters associated with a location
3 providing information on a location.

1 16. The system of claim 13, wherein the user records further include a list
2 identifying one or more transmitting devices within a proximity to the wireless device of the user.

1 17. The system of claim 16, wherein the added location description is from one
2 record for one transmitting device identified in the list.

1 18. The system of claim 17, further comprising:
2 means for determining one record for one of the transmitting devices identified in the list
3 including one position coordinate within a proximity to one position coordinate of one user
4 record, wherein the location description from the determined transmitting device record is
5 added to the user record having the position coordinate within the proximity to the position
6 coordinate of the determined transmitting device record.

1 19. The system of claim 16, further comprising:
2 means for receiving, implemented within the user wireless device, wireless transmissions
3 from proximate transmitting devices, wherein each wireless transmission identifies one
4 transmitting device; and
5 means for adding to the list each transmitting device identified in each wireless
6 transmission.

1 20. The system of claim 19, wherein the transmitting devices identified in the list are
2 in the proximity of the position coordinate in the user record including the list.

1 21. The system of claim 13, further comprising:
2 means for searching a database of transmitting device records to determine one
3 transmitting device record including one position coordinate within a proximity to the position
4 coordinate in one user record, wherein the location description from the determined transmitting
5 device record is added to the user record having the position coordinate within the proximity to
6 the position coordinate of the determined transmitting device record.

1 22. The system of claim 13, further comprising means for providing a time in the
2 transmitting device records associated with the position coordinate indicating a time the
3 transmitting device was located at the position coordinate.

1 23. The system of claim 13, wherein at least one transmitting device record
2 indicates a location boundary defining multiple position coordinates, wherein the location
3 description in the transmitting device record provides information on the location boundary.

1 24. The system of claim 13, wherein the location description added from the
2 transmitting device record to the record associated with the user includes a multimedia file
3 providing information in a multimedia format on the location.

1 25. An article of manufacture comprising code for providing user location
2 information for a personal information management program by:
3 providing a plurality of records for a user of a wireless device, wherein each user
4 record includes at least one position coordinate and an associated time indicating a location of
5 the wireless device at the time and the position coordinate;

6 providing records for transmitting devices, wherein each transmitting device record
7 includes at least one position coordinate and an associated location description providing
8 information on the position coordinate in the records; and
9 adding the location description from at least one of the transmitting device records to at
10 least one record associated with the user of the wireless device.

1 26. The article of manufacture of claim 25, further comprising:
2 determining one transmitting device record including one position coordinate that is
3 within a proximity to one position coordinate in one user record, wherein the location
4 description from the determined transmitting device record is added to the user record having
5 the position coordinate within the proximity to the position coordinate of the determined
6 transmitting device record.

1 27. The article of manufacture of claim 25, wherein the transmitting devices
2 comprise wireless devices associated with other users and fixed location transmitters associated
3 with a location providing information on a location.

1 28. The article of manufacture of claim 25, wherein the user records further include
2 a list identifying one or more transmitting devices within a proximity to the wireless device of the
3 user.

1 29. The article of manufacture of claim 28, wherein the added location description
2 is from one record for one transmitting device identified in the list.

1 30. The article of manufacture of claim 29, further comprising:
2 determining one record for one of the transmitting devices identified in the list including
3 one position coordinate within a proximity to one position coordinate of one user record,

4 wherein the location description from the determined transmitting device record is added to the
5 user record having the position coordinate within the proximity to the position coordinate of the
6 determined transmitting device record.

1 31. The article of manufacture of claim 28, further comprising:
2 receiving, with the user wireless device, wireless transmissions from proximate
3 transmitting devices, wherein each wireless transmission identifies one transmitting device; and
4 adding to the list each transmitting device identified in each wireless transmission.

1 32. The article of manufacture of claim 31, wherein the transmitting devices
2 identified in the list are in the proximity of the position coordinate in the user record including the
3 list.

1 33. The article of manufacture of claim 25, further comprising:
2 searching a database of transmitting device records to determine one transmitting
3 device record including one position coordinate within a proximity to the position coordinate in
4 one user record, wherein the location description from the determined transmitting device
5 record is added to the user record having the position coordinate within the proximity to the
6 position coordinate of the determined transmitting device record.

1 34. The article of manufacture of claim 25, wherein the transmitting device records
2 further provide a time associated with the position coordinate indicating a time the transmitting
3 device was located at the position coordinate.

1 35. The article of manufacture of claim 25, wherein at least one transmitting device
2 record indicates a location boundary defining multiple position coordinates, wherein the location
3 description in the transmitting device record provides information on the location boundary.

- 1 36. The article of manufacture of claim 25, wherein the location description added
- 2 from the transmitting device record to the record associated with the user includes a multimedia
- 3 file providing information in a multimedia format on the location.